

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001323

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/517 A61K31/138 A61P1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; October 1995 (1995-10), ALBILLOS A ET AL: "Continuous prazosin administration in cirrhotic patients: effects on portal hemodynamics and on liver and renal function." XP002290895 Database accession no. NLM7557093 abstract & GASTROENTEROLOGY. OCT 1995, vol. 109, no. 4, October 1995 (1995-10), pages 1257-1265, ISSN: 0016-5085</p> <p style="text-align: center;">----- -/--</p>	1-8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

2 August 2004

Date of mailing of the international search report

18/08/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Original Application No
PCT/GB2004/001323

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DUBUISSON LILIANE ET AL: "Inhibition of rat liver fibrogenesis through noradrenergic antagonism." HEPATOLOGY (BALTIMORE, MD.) FEB 2002, vol. 35, no. 2, February 2002 (2002-02), pages 325-331, XP008031437 ISSN: 0270-9139 abstract	1,3-5,7
X	WO 99/38507 A (LE COUTEUR DAVID GEORGE ; MCLEAN ALLAN JOSEPH (AU)) 5 August 1999 (1999-08-05) page 7, lines 20-26 abstract; claims 1,3	1,3-5,7
X	GERSHBEIN L L ET AL: "ACTION OF DRUGS AND CHEMICAL AGENTS ON RAT LIVER REGENERATION" DRUG AND CHEMICAL TOXICOLOGY, MARCEL DEKKER INC, US, vol. 8, no. 3, 1985, pages 125-143, XP008005465 ISSN: 0148-0545 abstract tables 1,2	1,3-5,7
X	KULCSÁR-GERGELY J ET AL: "Metoprolol and propranolol treatment in carbon tetrachloride-induced hepatic injury." ARZNEIMITTEL-FORSCHUNG. OCT 1992, vol. 42, no. 10, October 1992 (1992-10), pages 1192-1195, XP001189585 ISSN: 0004-4172 abstract	1,3,4,6,8
X	KULSCÁR-GERGELY J ET AL: "Estrogens as disposing factors in experimental liver injury." EXPERIMENTELLE PATHOLOGIE. 1978, vol. 16, no. 1-6, 1978, pages 283-290, XP008031472 ISSN: 0014-4908 abstract	1,3,4,6,8
X	ALBILLOS A ET AL: "Hemodynamic effects of alpha-adrenergic blockade with prazosin in cirrhotic patients with portal hypertension." HEPATOLOGY (BALTIMORE, MD.) SEP 1994, vol. 20, no. 3, September 1994 (1994-09), pages 611-617, XP008031435 ISSN: 0270-9139 abstract	1,3-5,7
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International Application No
PCT/GB2004/001323

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ALTMANN O: "PHARMAKOLOGISCHE PFORTADERDRUCKSENKUNG BEI DER GESUNDEN UND EXPERIMENTELL LEBERZIRRHOTISCHEN RATTE PHARMACOLOGICAL LOWERING PORTAL PRESSURE IN NORMAL AND EXPERIMENTAL LIVERCIRRHOTIC RATS" GASTROENTEROLOGISCHES JOURNAL, BRTH, LEIPZIG, DE, vol. 51, no. 3/4, 1991, pages 142-148, XP008031433 ISSN: 0863-1743 abstract</p>	1,3-5,7
P,X	<p>----- US 2003/199518 A1 (DUBUISSON LILIANE ET AL) 23 October 2003 (2003-10-23) abstract; claims 1-7 -----</p>	1,3-5,7

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-8 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/001323

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9938507	A	05-08-1999	AU	2259999 A		16-08-1999
			WO	9938507 A1		05-08-1999
US 2003199518	A1	23-10-2003	CA	2383243 A1		23-10-2003